

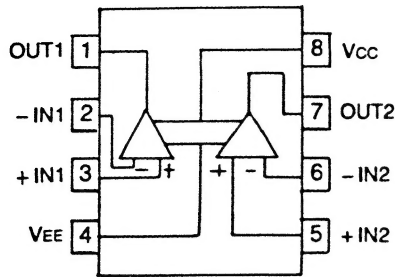


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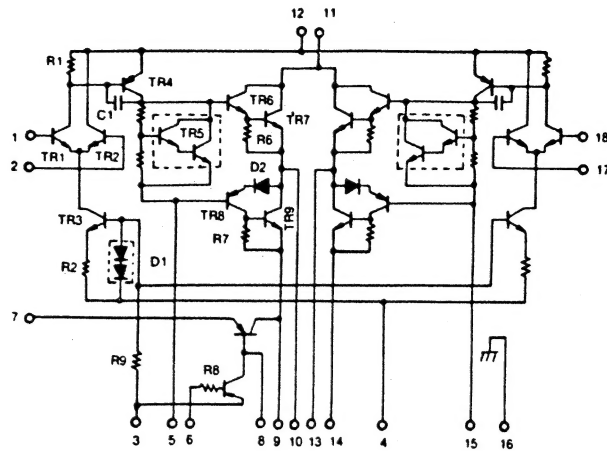
BESTELL-NR.	0372375
GERAETEBEZEICHNUNG	UNIV.-HIFI-SET
WARENGATTUNG	653
AUSFUEHRUNGS-NR.	001
GERAETEBESCHREIBUNG	
PRIVILEG	VTC 4391
LIEFERANTEN-NR.	201888
PREIS	599.00
KATALOG	893
GARANTIEZEIT	6
KD-SEKTOR	R
HEIM/BRINGE	WERKSTATT
BETREUUNG	EIGEN
KOSTENTRAEGER	EIGEN
REPARATURFAEHIG	JA

# IC EQUIVALENT CIRCUITS

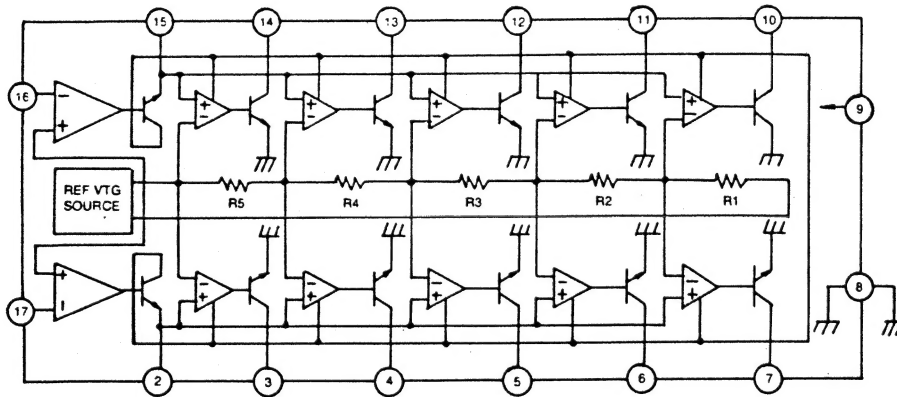
IC101, 201 KIA75558P (Dual op Amp.)



IC401 STK4171 (Power)



IC301, 302 KA2281 (Dual 5 Dot LED Drive)



## NAMES OF CONTROL PARTS

- 1 POWER Switch
- 2 TONE Controls — BASS & TREBLE
- 3 BALANCE Control
- 4 POWER LED LEVEL METER
- 5 FUNCTION INDICATORS  
— PHONO, TUNER, AUX, CD/VDP & TV/VTR
- 6 VOLUME Control
- 7 FUNCTION SELECTOR BUTTONS  
— PHONO, TUNER, AUX, CD/VDP & TV/VTR
- 8 TAPE Button
- 9 TAPE Indicator
- 10 PHONES Jack
- 11 GND Terminal
- 12 Terminals—INPUT, TV/VTR & TAPE
- 13 SPEAKER Terminals
- 14 AC POWER Supply Cord

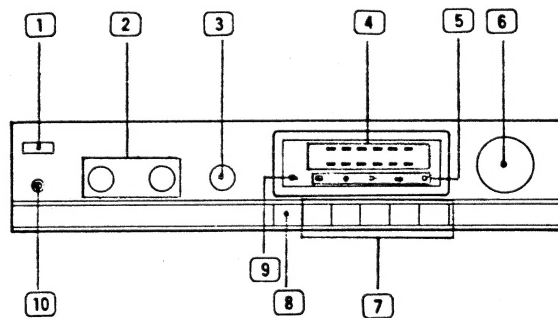


Figure 1 Front View

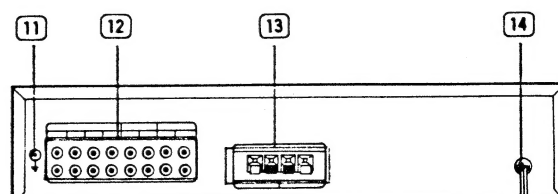
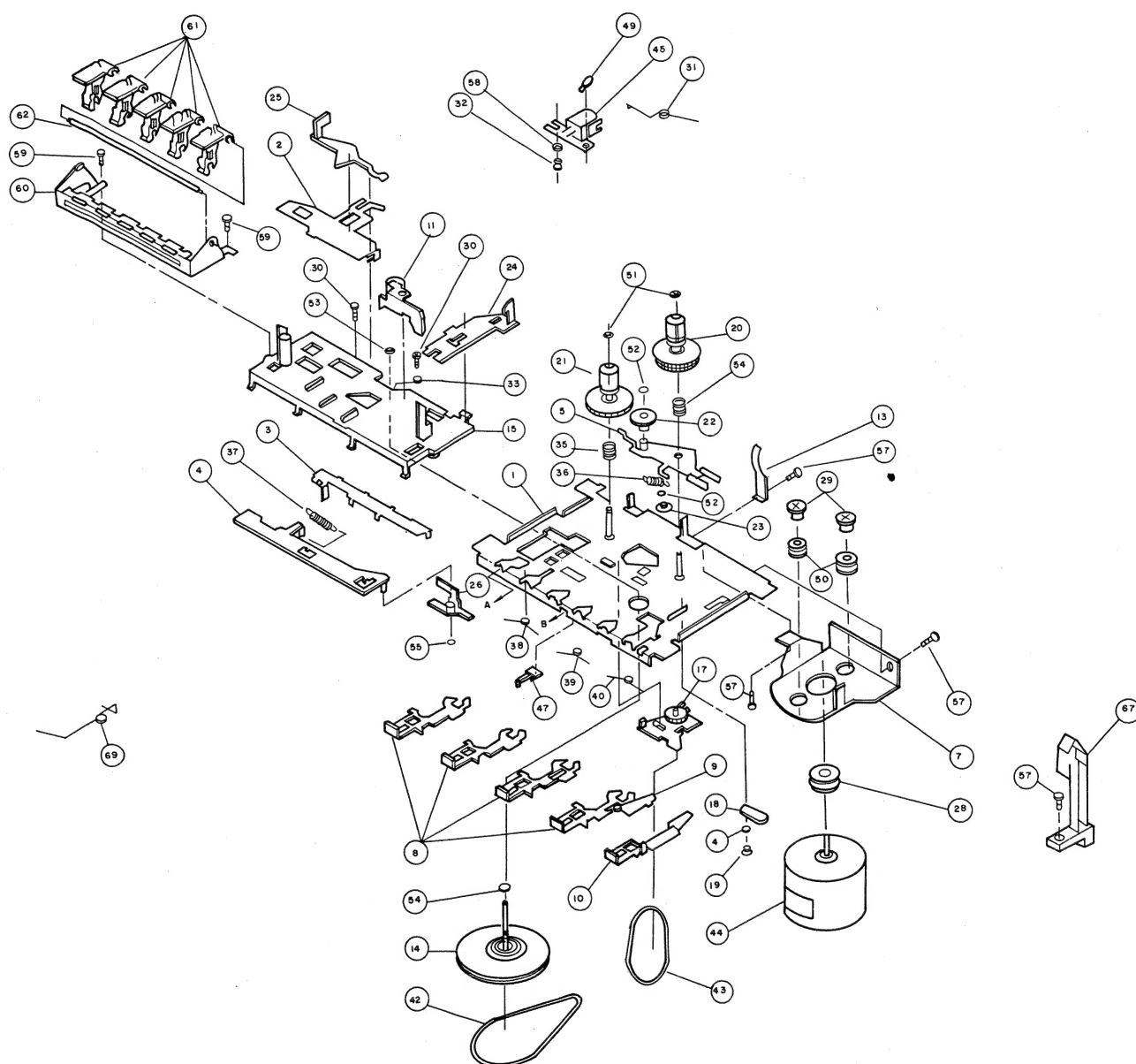


Figure 2 Back View

# EXPLODED VIEW •PLAYBACK DECK MECHANISM



**NOTE:** Excluded parts in the parts list are not available as replacement parts.

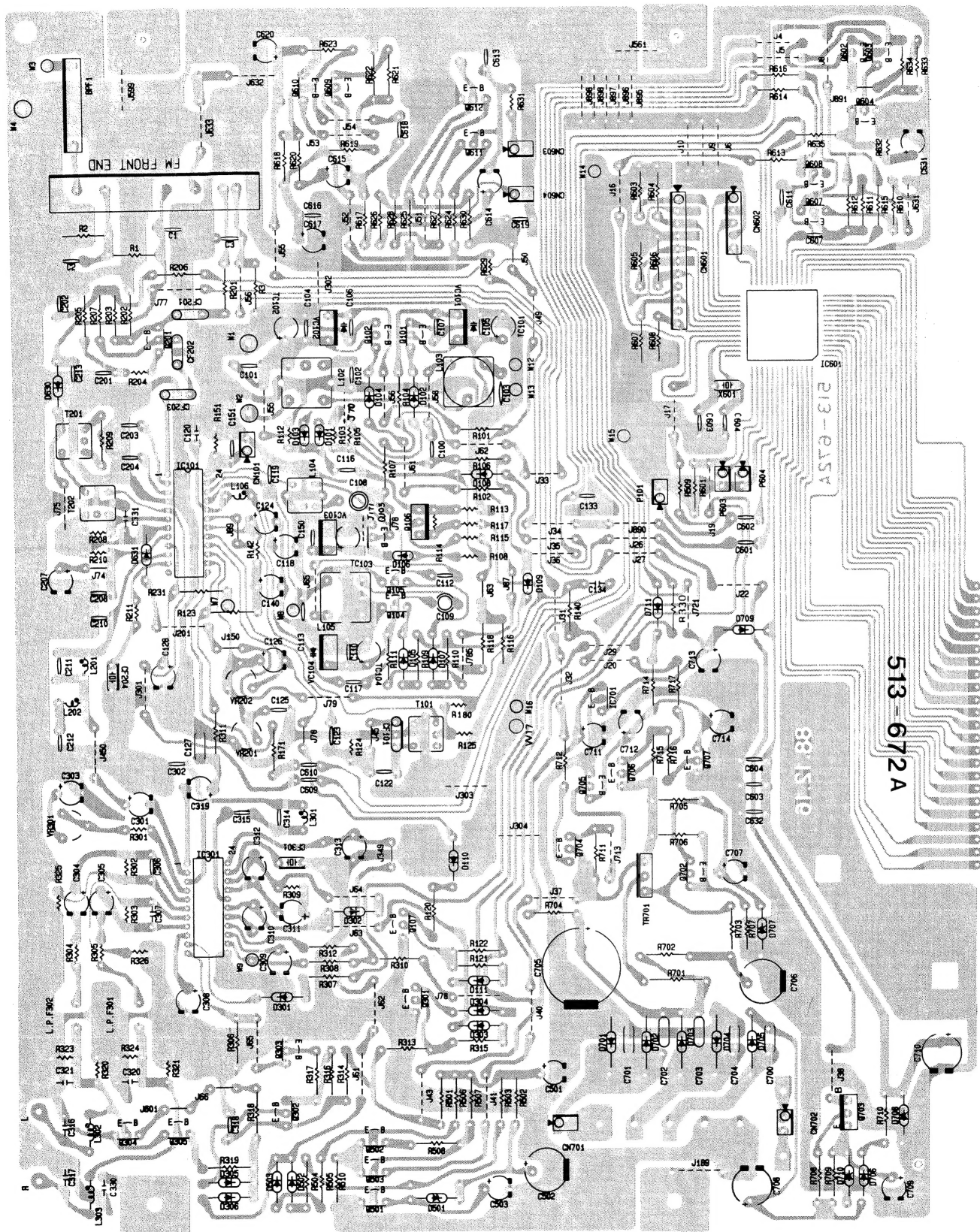
# Quelle Technischer Kundendienst

037.2375



BESTELL-NR.	0372375
GERAETEBEZEICHNUNG	UNIV.-HIFI-SET
WARENGATTUNG	653
AUSFUEHRUNGS-NR.	001
GERAETEBESCHREIBUNG	
PRIVILEG	VTC 4391
LIEFERANTEN-NR.	201888
PREIS	599.00
KATALOG	893
GARANTIEZEIT	6
KD-SEKTOR	R
HEIM/BRINGE	WERKSTATT
BETREUUNG	EIGEN
KOSTENTRAEGER	EIGEN
REPARATURFAEHIG	JA





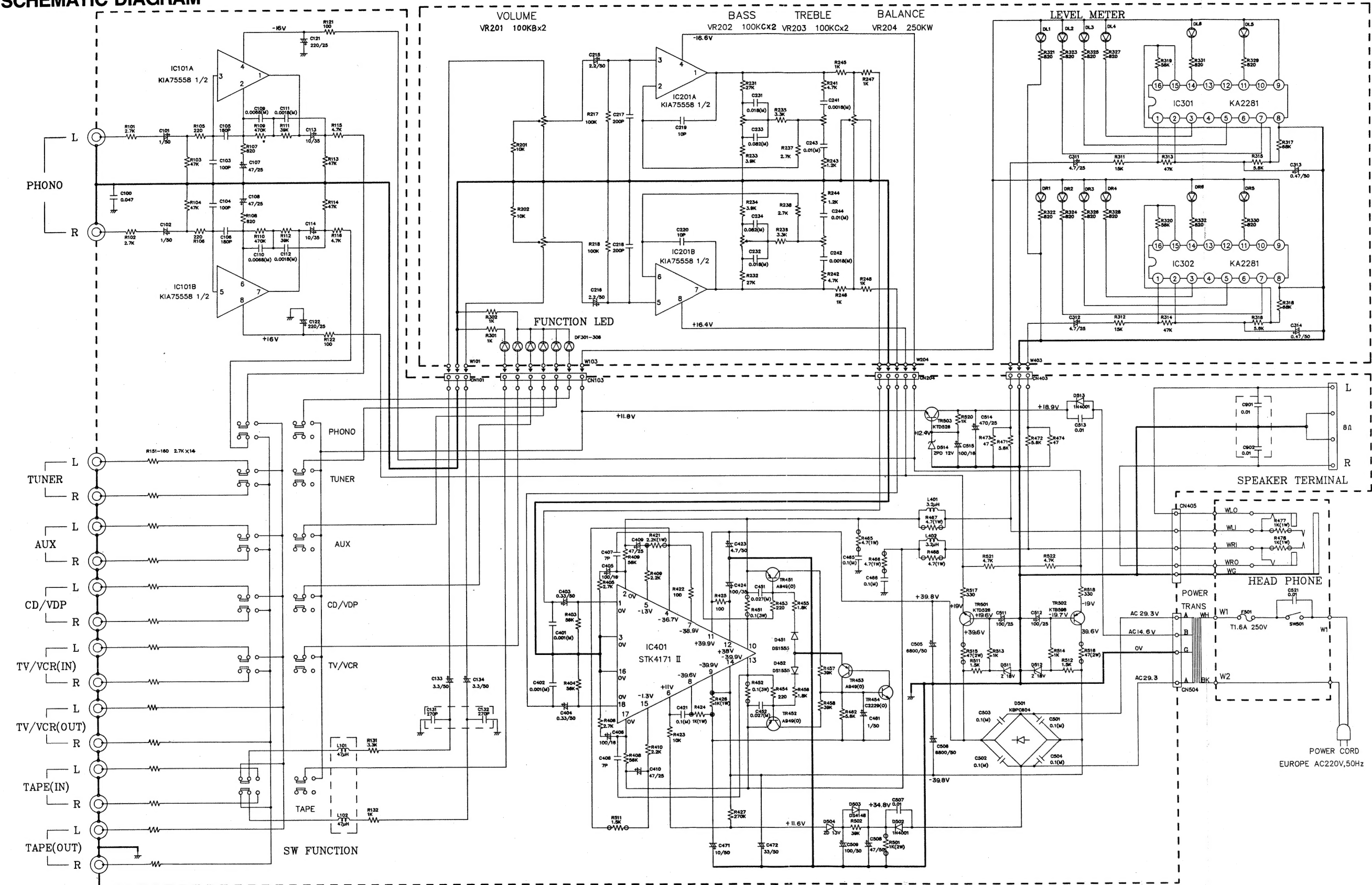
513-672A

88-15-10

213-015V

FM FRONT END

SCHEMATIC DIAGRAM

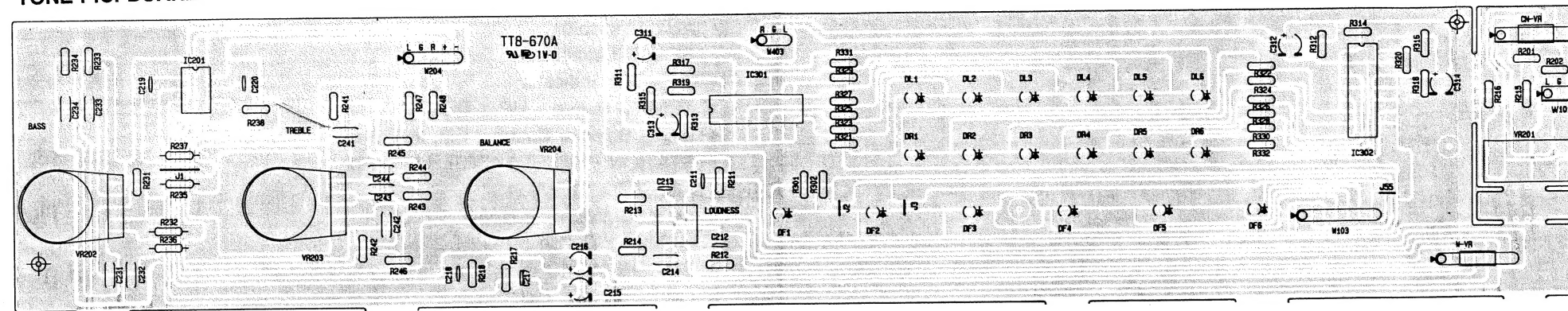


NOTES: 1. Resistance values are indicated in ohms unless otherwise specified (K = 1000, M = 1,000,000).  
2. Capacitance values are shown in microfarads unless otherwise (P = MICRO-MICRO FARADS).

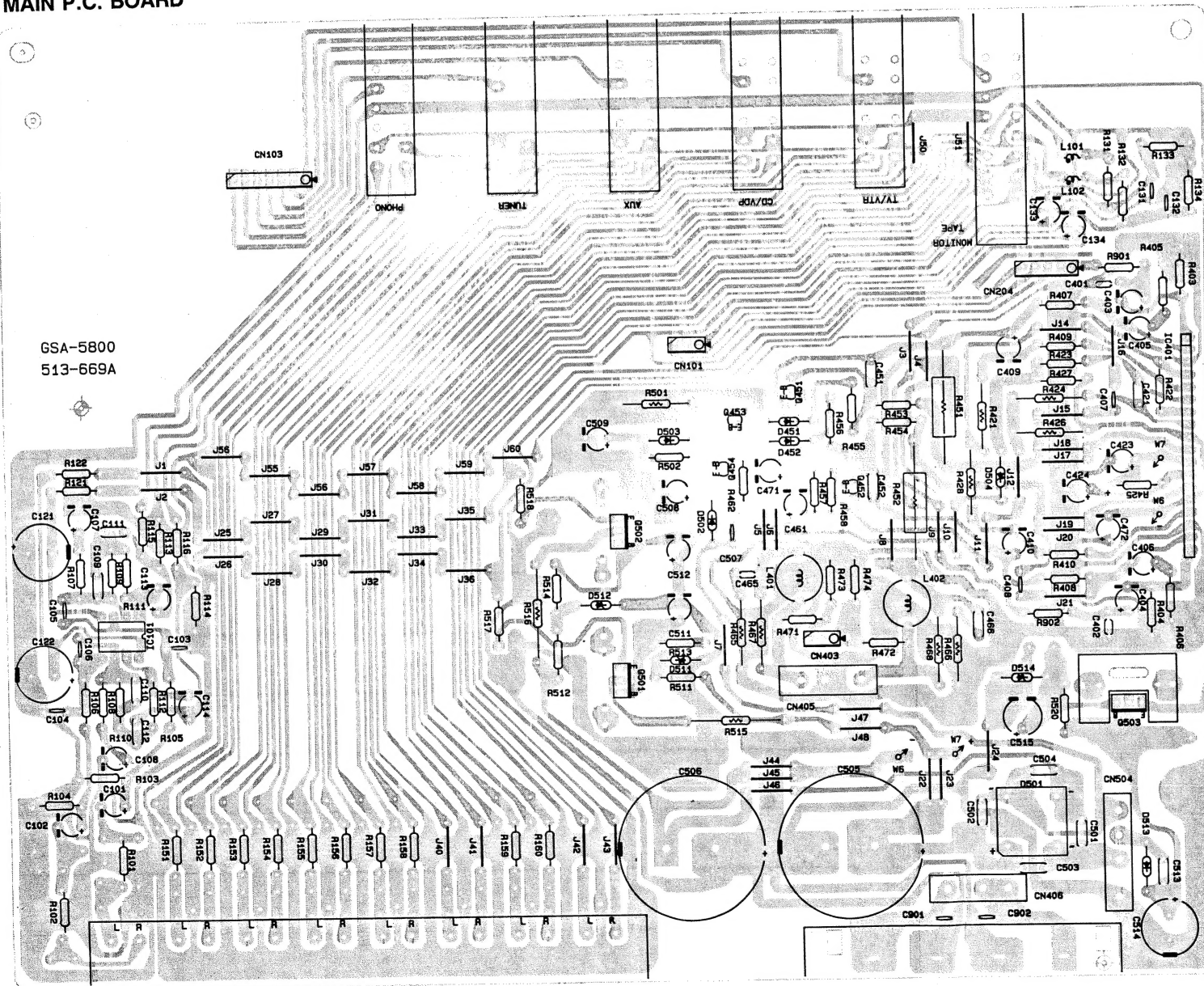


## PCB LAYOUT

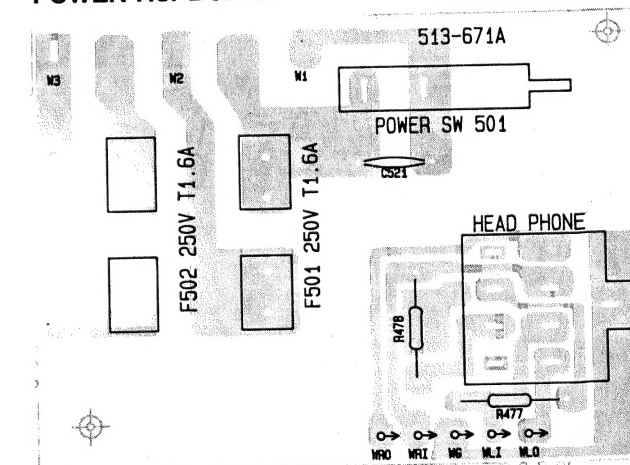
### TONE P.C. BOARD



### MAIN P.C. BOARD



### POWER P.C. BOARD



- 1 POWER Switch
- 2 FREQUENCY Indicator
- 3 FM STEREO Indicator
- 4 AUTO Indicator
- 5 SEARCH Indicator
- 6 MEMORY Indicator
- 7 TUNING Button – UP & DOWN
- 8 BAND Selector Button – FM, MW & LW
- 9 STATION PRESET NUMBER Indicator
- 10 PRESET + 10 Button
- 11 AUTO MANUAL Buttons
- 12 MEMORY Button
- 13 STATION MEMORY Buttons
- 14 FM ANTENNA Jack
- 15 MW/LW ANTENNA Jack
- 16 Fetch Cord
- 17 AC POWER SUPPLY Cord



# Notizen

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper appears to be a standard notebook page.

ADJUSTMENTS

IMPORTANT

- 1. Check power-source voltage.
- 2. Set the function switch to band being aligned.
- 3. Keep the signal input as low as possible to adjust accurately.
- 4. Modulation and modulation frequency:

Band	Item	Modulation	Modulation frequency
MW/LW		1 kHz	30%
FM		1 kHz	100% (40 kHz Dev.)

ADJUSTMENT POINTS

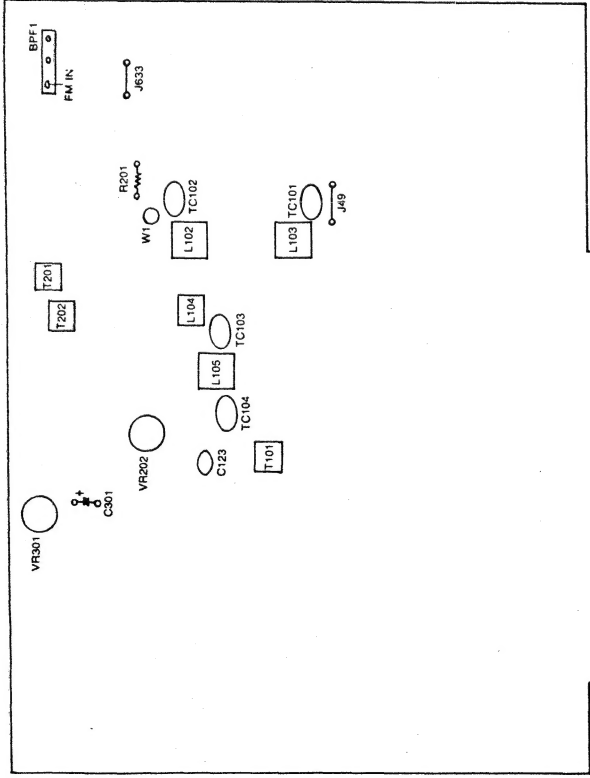


Figure 5 Main P.C. Board

5. FM IF ADJUSTMENT

IF Genescope ..... Connect the input to R201, the output to C301 (+).

Step	Adjust For	Adjustment	Remarks
1	420 ~ 430mV	T202	See Figure 12
2	Maximum linear S curve	T202	See Figure 13

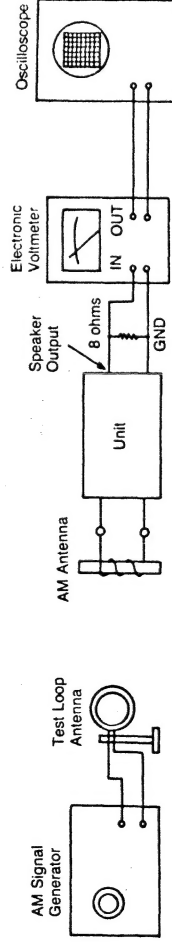


Figure 10 MW/LW Adjustment Connection Diagram

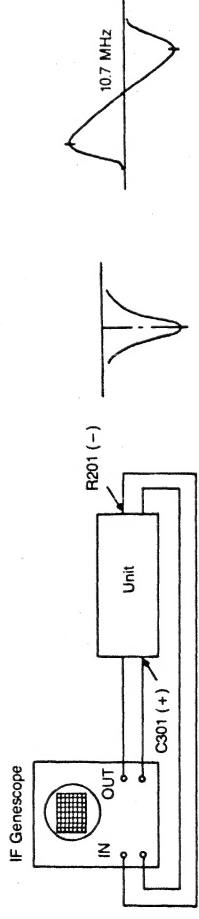


Figure 11 FM IF Adjustment Connection Diagram

6. FM T.H.D. ADJUSTMENT

Signal Generator ..... Connect to FM Antenna Terminal through the dummy.  
Distortion Meter ..... Connect to the output.  
VTVM ..... Connect to the output.

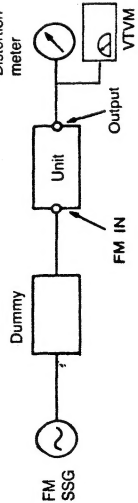


Figure 14 FM T.H.D. Adjustment Connection Diagram

Frequency	Adjust For	Adjustment
98 MHz	Minimum T.H.D	T103

NOTE: At this time, the test point is output jack. The output level should be 420mV ~ 430mV (at 40 kHz div) by adjusting the T202, and then adjusting the T201 for distortion should be minimum.

1. MW/LW IF ADJUSTMENT

IF Genescope ..... Connect the input to W1, the output to C123.  
Adjust for the IF waveform of Genescope to be maximum.

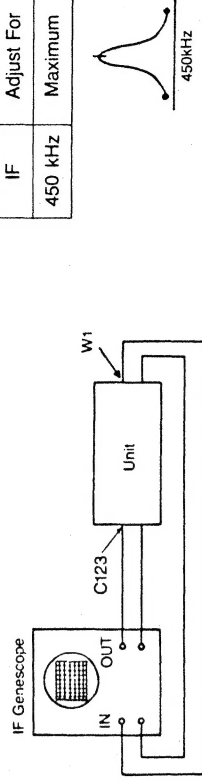


Figure 6 MW/LW Adjustment Connection Diagram

2. MW COVERAGE ADJUSTMENT

DC Voltmeter ..... Connect to J633 and GND.

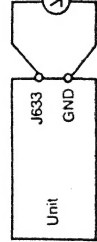


Figure 8 MW Adjustment Connection Diagram

3. LW COVERAGE ADJUSTMENT

DC Voltmeter ..... Connect to J49 and GND.

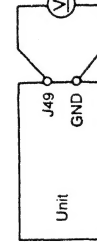


Figure 9 LW Adjustment Connection Diagram

4. MW/LW TRACKING ADJUSTMENT

Signal Generator ..... Connect to the MW antenna coil through the loop antenna.  
Adjust for the indication of Electronic Voltmeter of the wave form of Oscilloscope to be maximum.

Step	Band	Frequency	Adjust For	Adjustment
1	MW	603 kHz	Maximum Sensitivity	L103
2		1404 kHz	Maximum Sensitivity	TC101
3		Repeat steps 1 and 2 several times.		
1	LW	164 kHz	Maximum Sensitivity	L102
2		254 kHz	Maximum Sensitivity	TC102
3		Repeat steps 1 and 2 several times.		

7. FM MPX ADJUSTMENT-SEPARATION

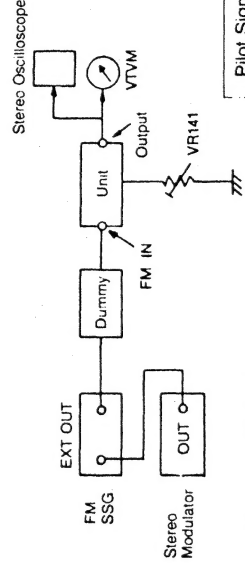


Figure 15 FM MPX Adjustment Connection Diagram

Pilot Signal	Adjust For	Adjustment
ON	Difference of R and L must be maximum	VR301

NOTE: In case of adjusting the stereo separation, if input is L (or R) channel, R (or L) channel must be maximum.

8. FM STEREO BEACON SENSITIVITY

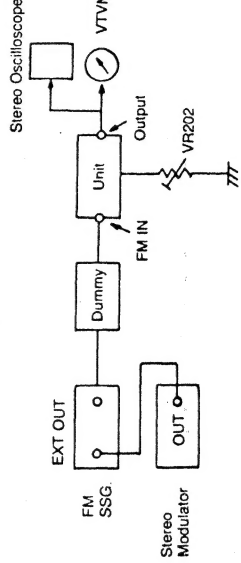
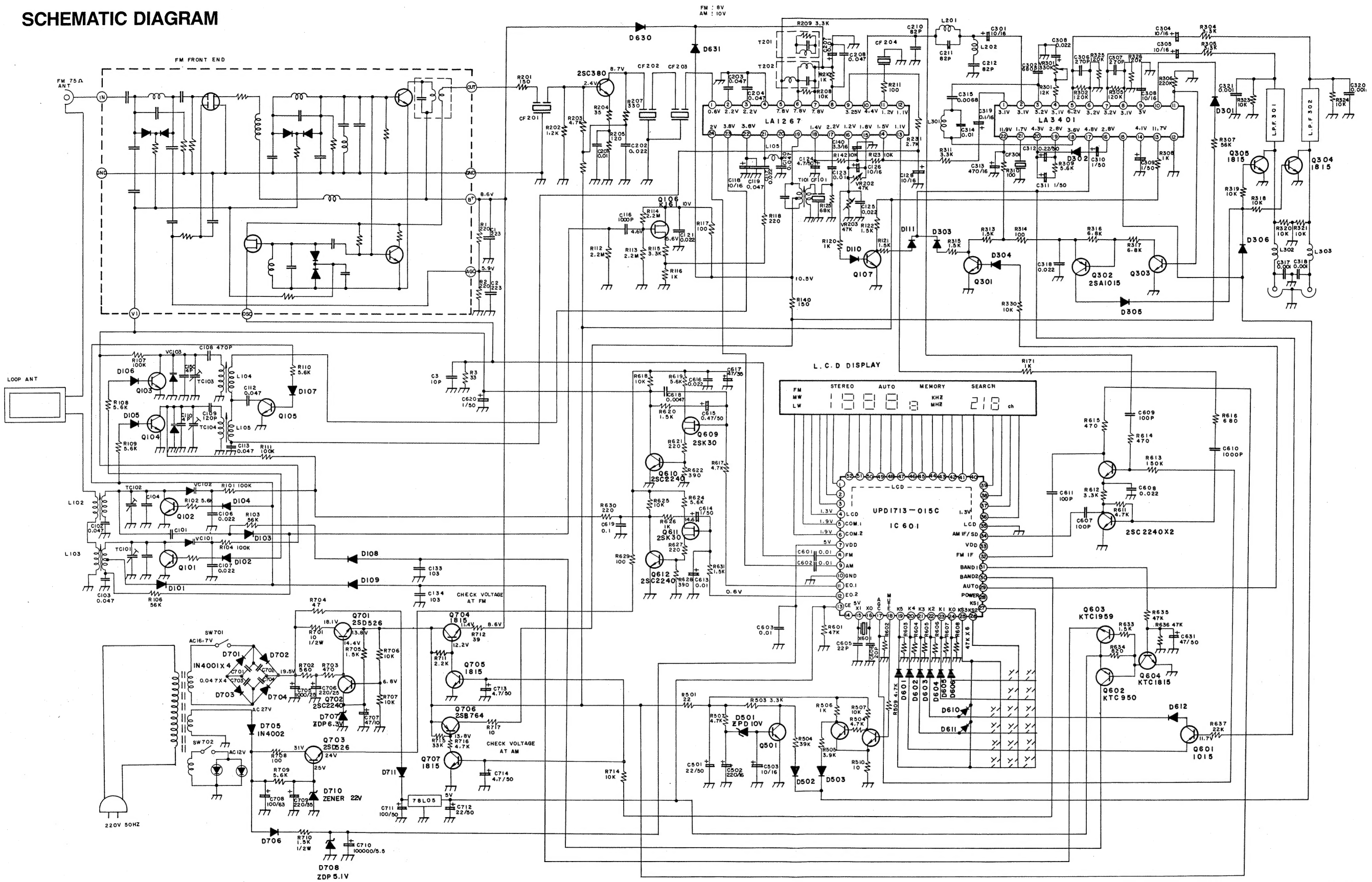


Figure 16 FM Stereo Beacon Sensitivity Adjustment Connection Diagram

Pilot Signal	Input of FM IN	Adjust For	Adjustment
ON	5μV	ST LED Display ON	VR202

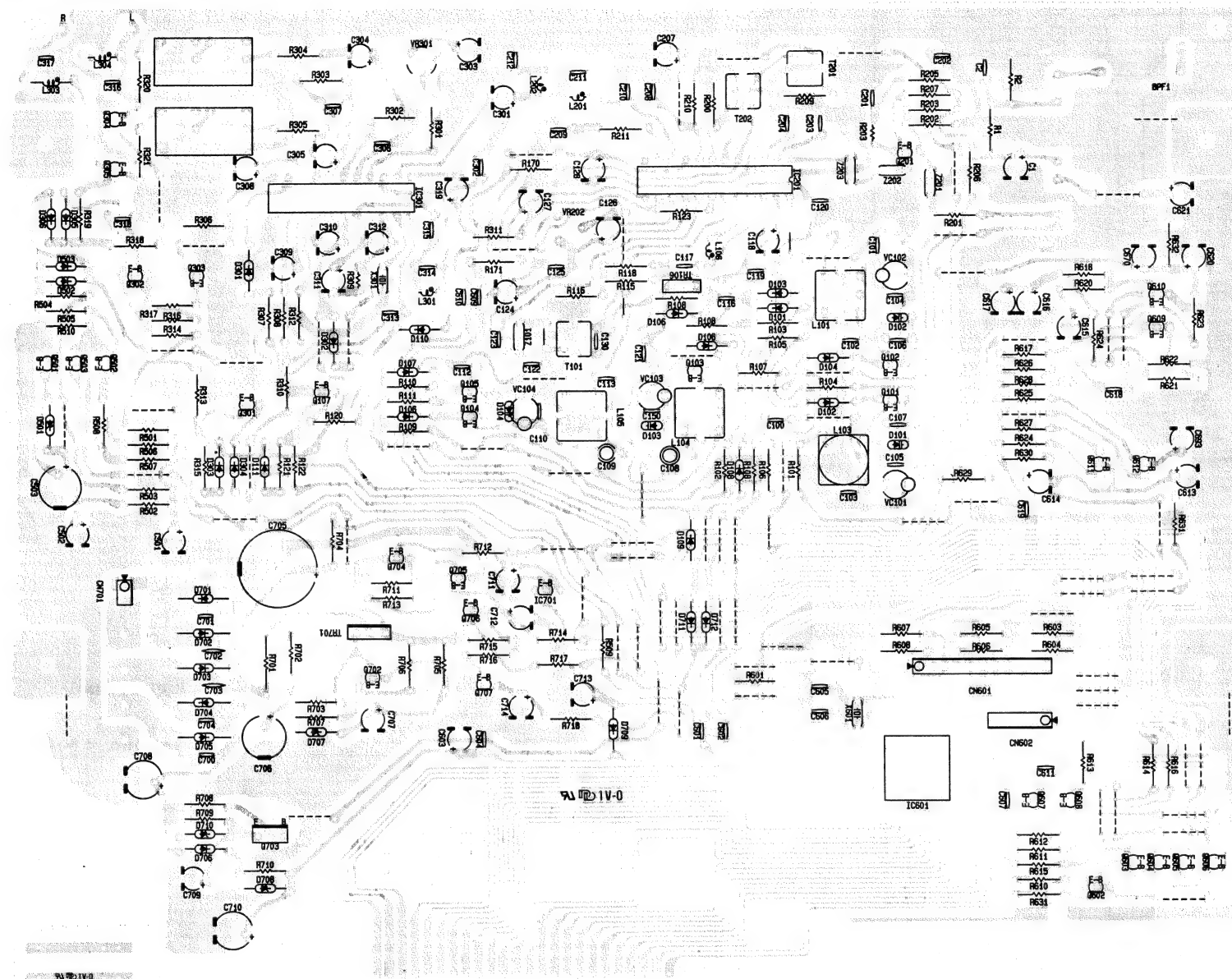


### SCHEMATIC DIAGRAM

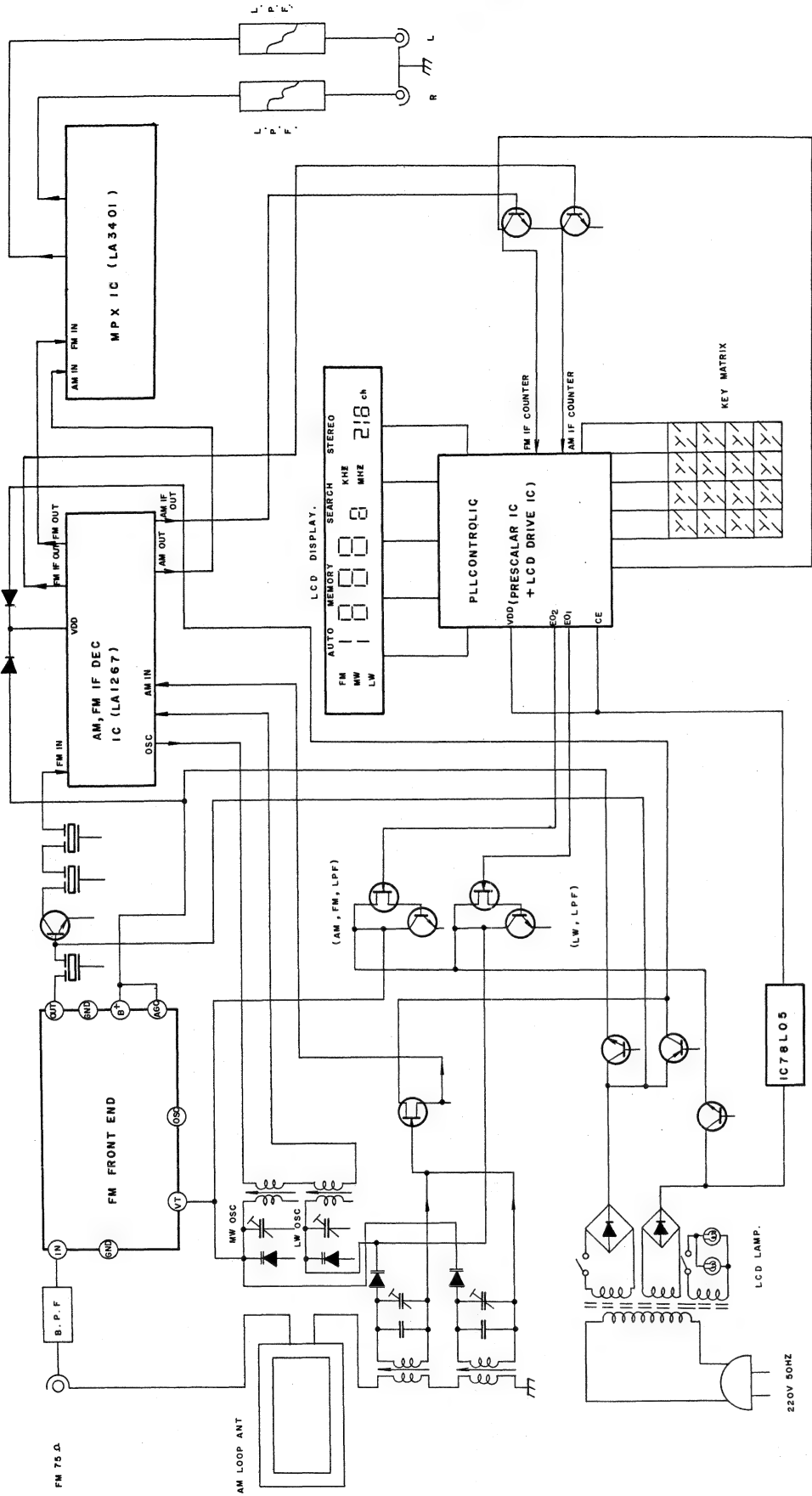


**NOTES:** 1. Resistance values are indicated in ohms unless otherwise specified (K = 1000, M = 1,000,000).  
2. Capacitance values are shown in microfarads unless otherwise (P = MICRO-MICRO FARADS).

## MAIN P.C. BOARD

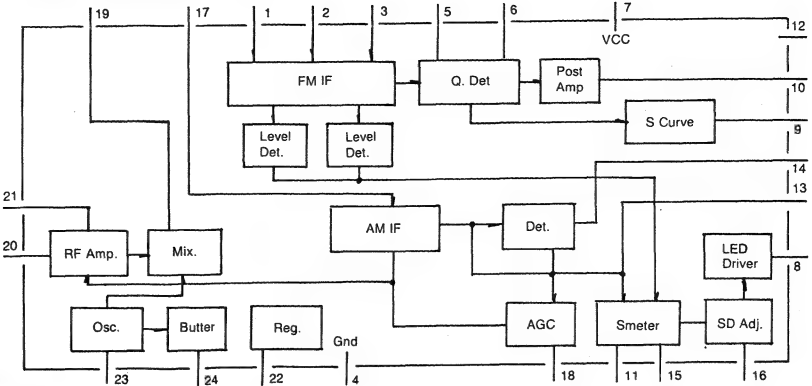


BLOCK DIAGRAM

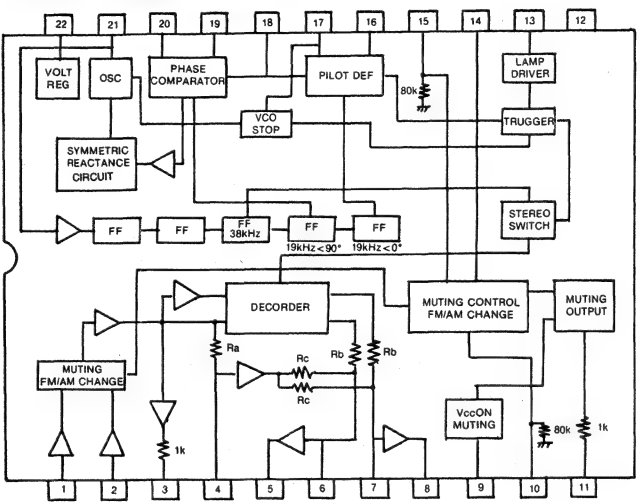


IC EQUIVALENT CIRCUITS

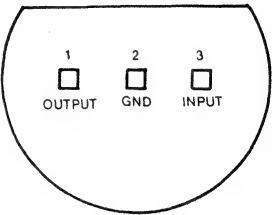
IC101 LA1267 (AM/FM IF)



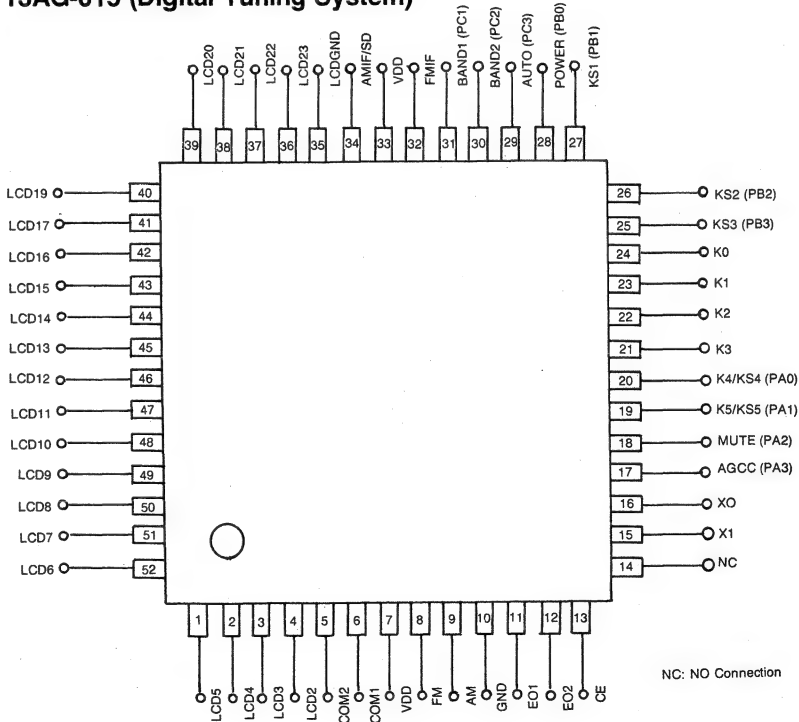
IC301 LA3401 (MPX)



IC701  $\mu$ PC78LO5J (Voltage Regulator)



IC601  $\mu$ PD1713AG-015 (Digital Tuning System)





## NAMES OF CONTROL PARTS

### EXPLODED VIEW

- 1 POWER Switch
- 2 TAPE SELECT Switch
- 3 POWER Indicator
- 4 TAPE COUNTER-B Deck
- 5 RECORDING Indicator
- 6 DOLBY Indicator
- 7 DUBBING Indicator
- 8 HI-SPEED Indicator
- 9 DOLBY Button
- 10 DUBBING Button
- 11 HI-SPEED Button
- 12 DECK B: Cassette Compartment
- 13 DECK B: PAUSE Button
- 14 DECK B: STOP/EJECT Button
- 15 DECK B: FAST FORWARD Button
- 16 DECK B: REWIND Button
- 17 DECK B: PLAY Button
- 18 DECK B: RECORD Button
- 19 DECK A: PAUSE Button
- 20 DECK A: STOP/EJECT Button
- 21 DECK A: FAST FORWARD Button
- 22 DECK A: REWIND Button
- 23 DECK A: PLAY Button
- 24 DECK A: Cassette Compartment
- 25 MIC Jack
- 26 PHONES Jack
- 27 LINE IN/OUT Jack
- 28 AC POWER SUPPLY Cord

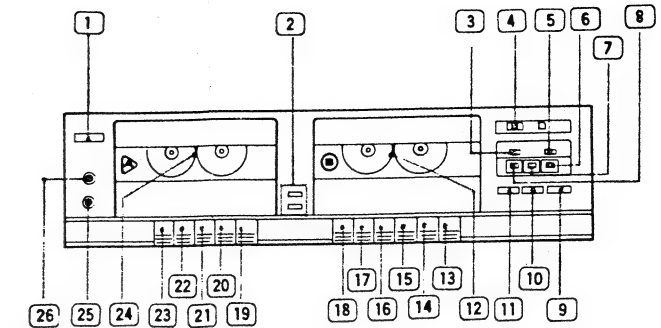


Figure 17 Front View

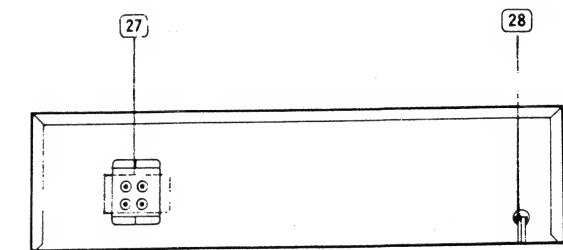
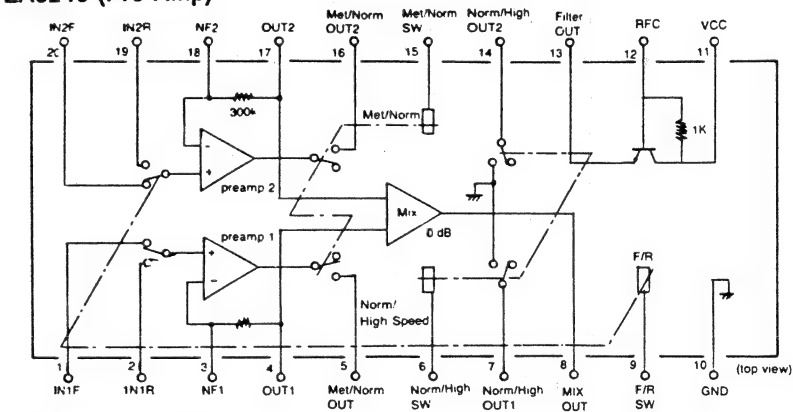


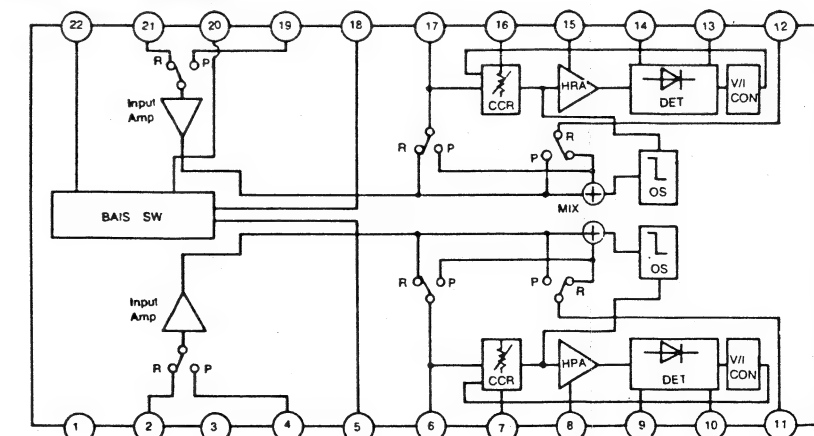
Figure 18 Back View

### IC EQUIVALENT CIRCUIT

#### IC1 LA3246 (Pre Amp)



#### IC2 HA12116ANT (Dolby)





10. RECORD/PLAYBACK FREQUENCY RESPONSE

Deck	Deck Mode	Test Tape	Test Point	Adjustment	Input	Adjust For	Remark
Deck B	Record/Playback → Playback	MTT-5511 MTT-5561 MTT-5571	A, B	R301 R302	580mV-25dB	250Hz-10kHz: 3dB 10kHz-12.5kHz: 4dB	Dolby off. Deck A: Stop.

\* Adjust under normal speed, confirm record/playback response of high speed, repeat steps 9 and 10 several times at the same time.

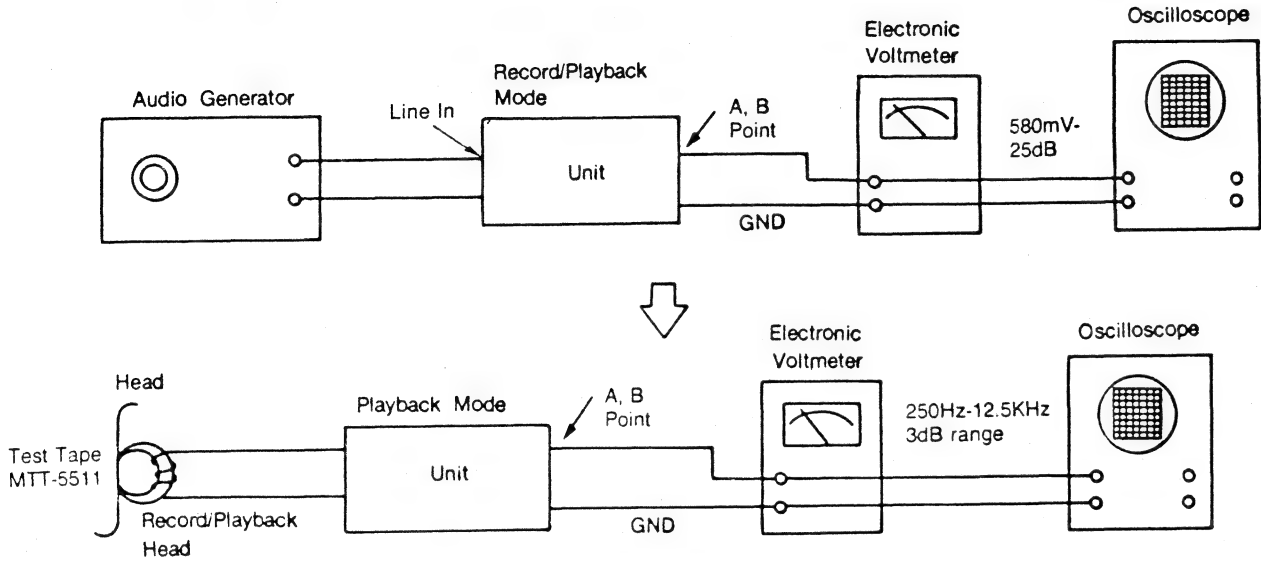
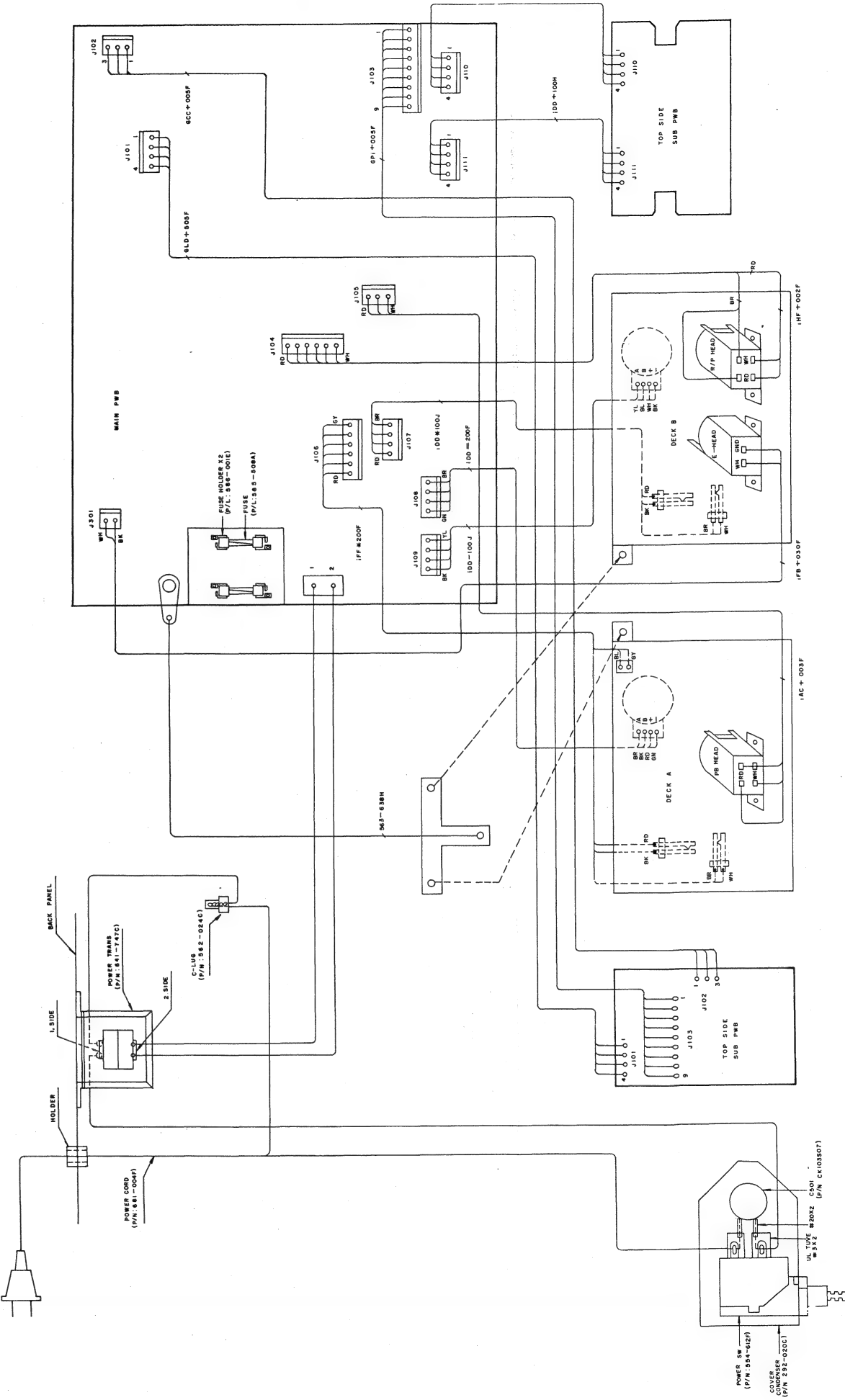


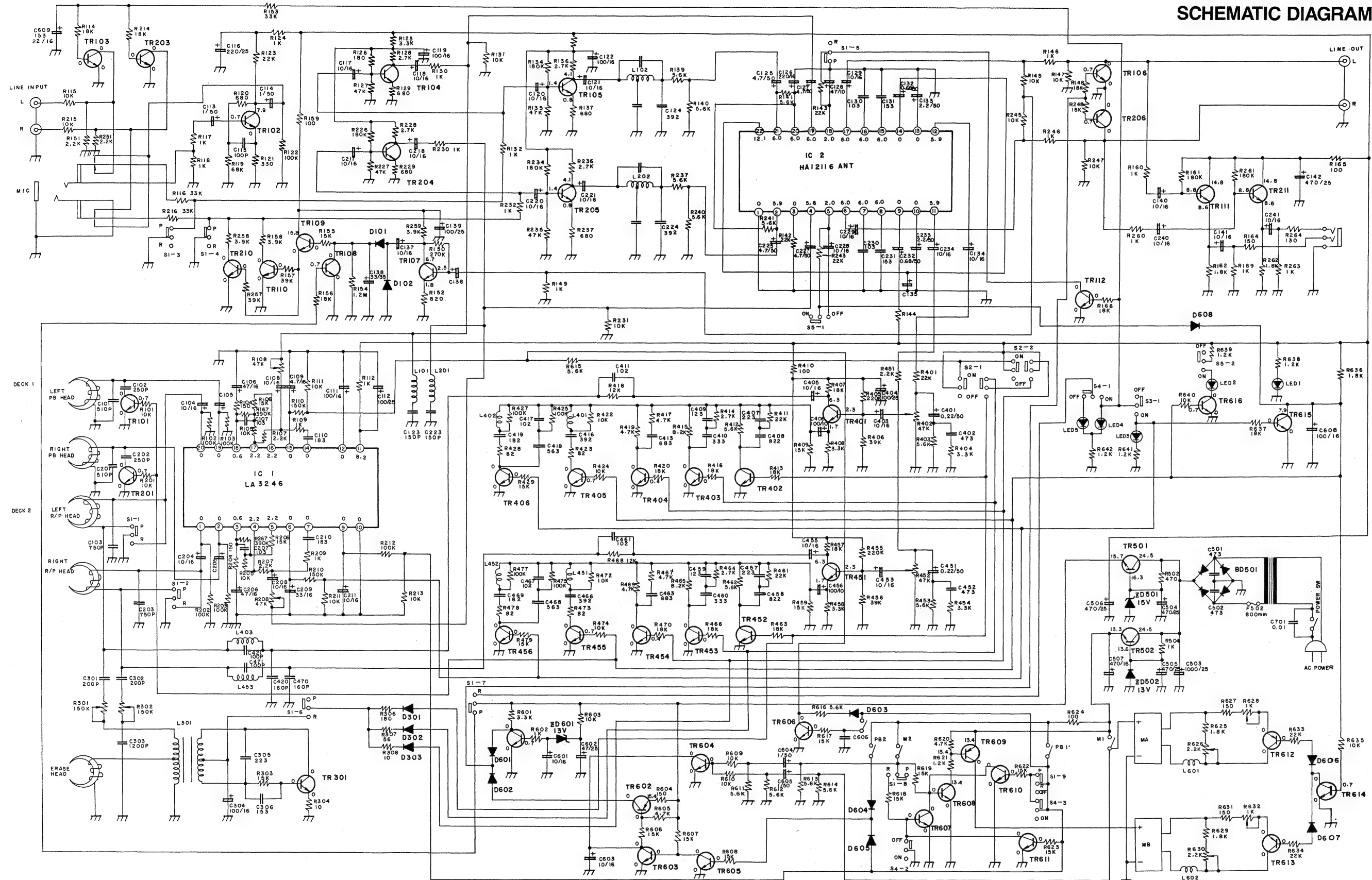
Figure 29 Record/playback Response Adjustment Connection Diagram

Notizen

WIRING DIAGRAM



# SCHEMATIC DIAGRAM

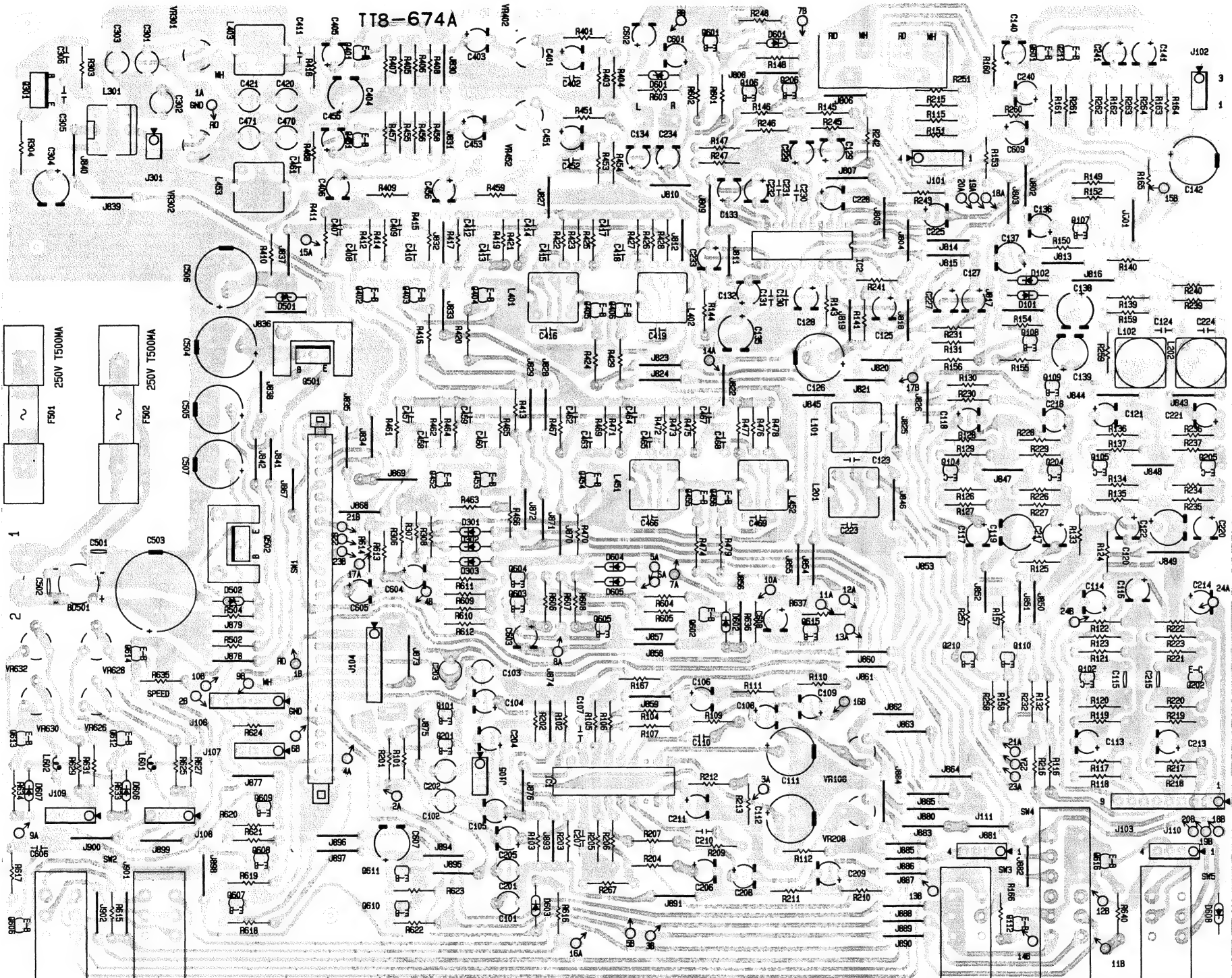


NOTES: 1. Resistance values are indicated in ohms unless otherwise specified (K = 1000, M = 1,000,000).  
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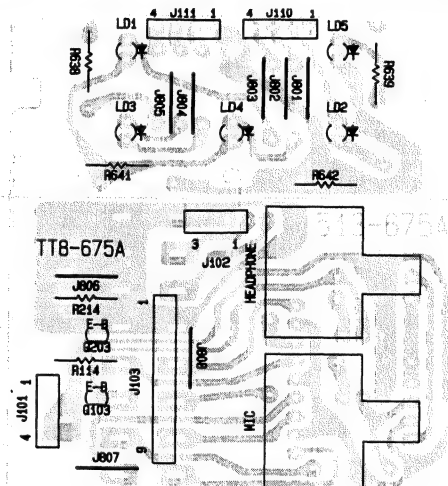


## PCB LAYOUT

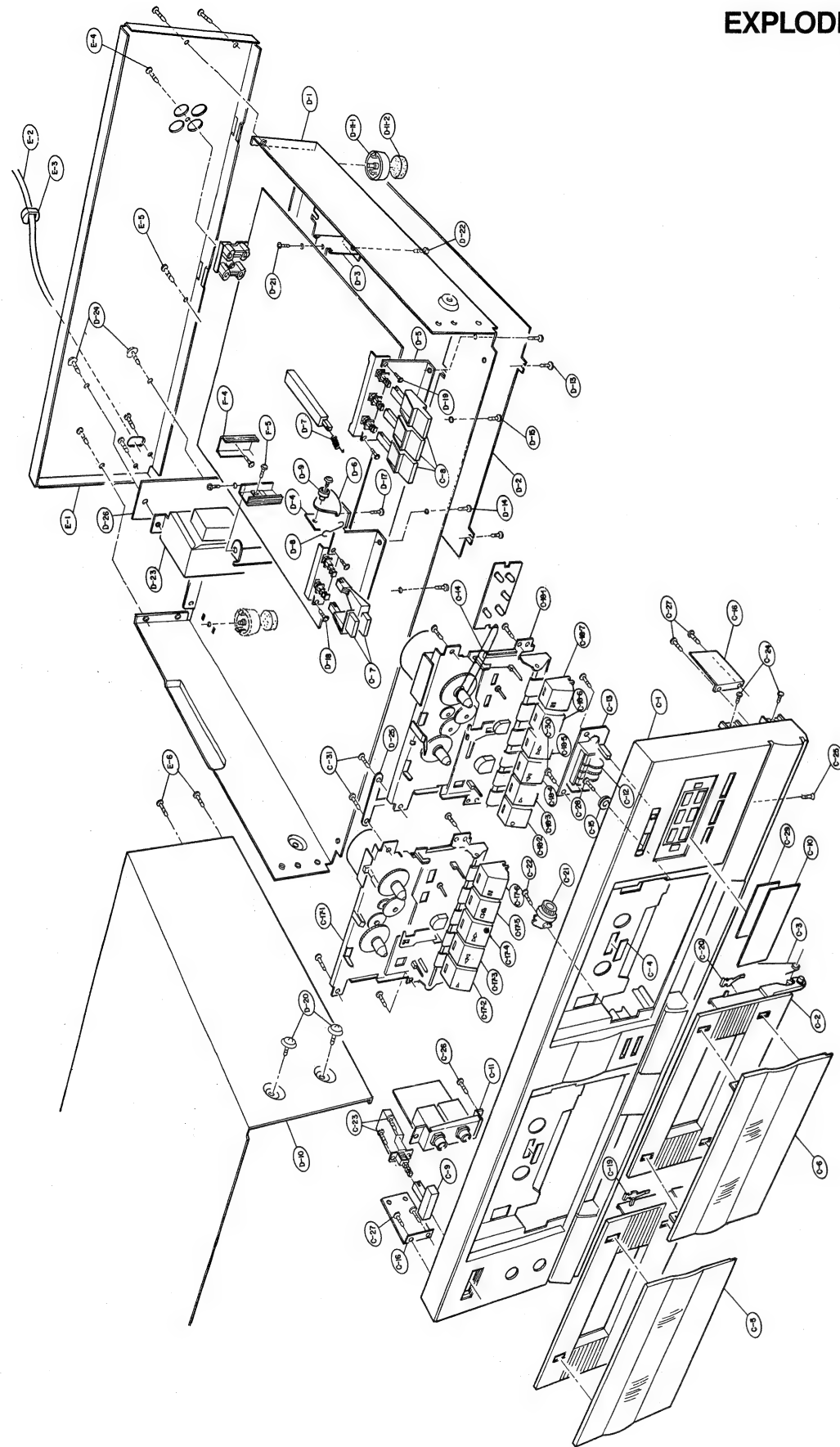
## MAIN P.C. BOARD



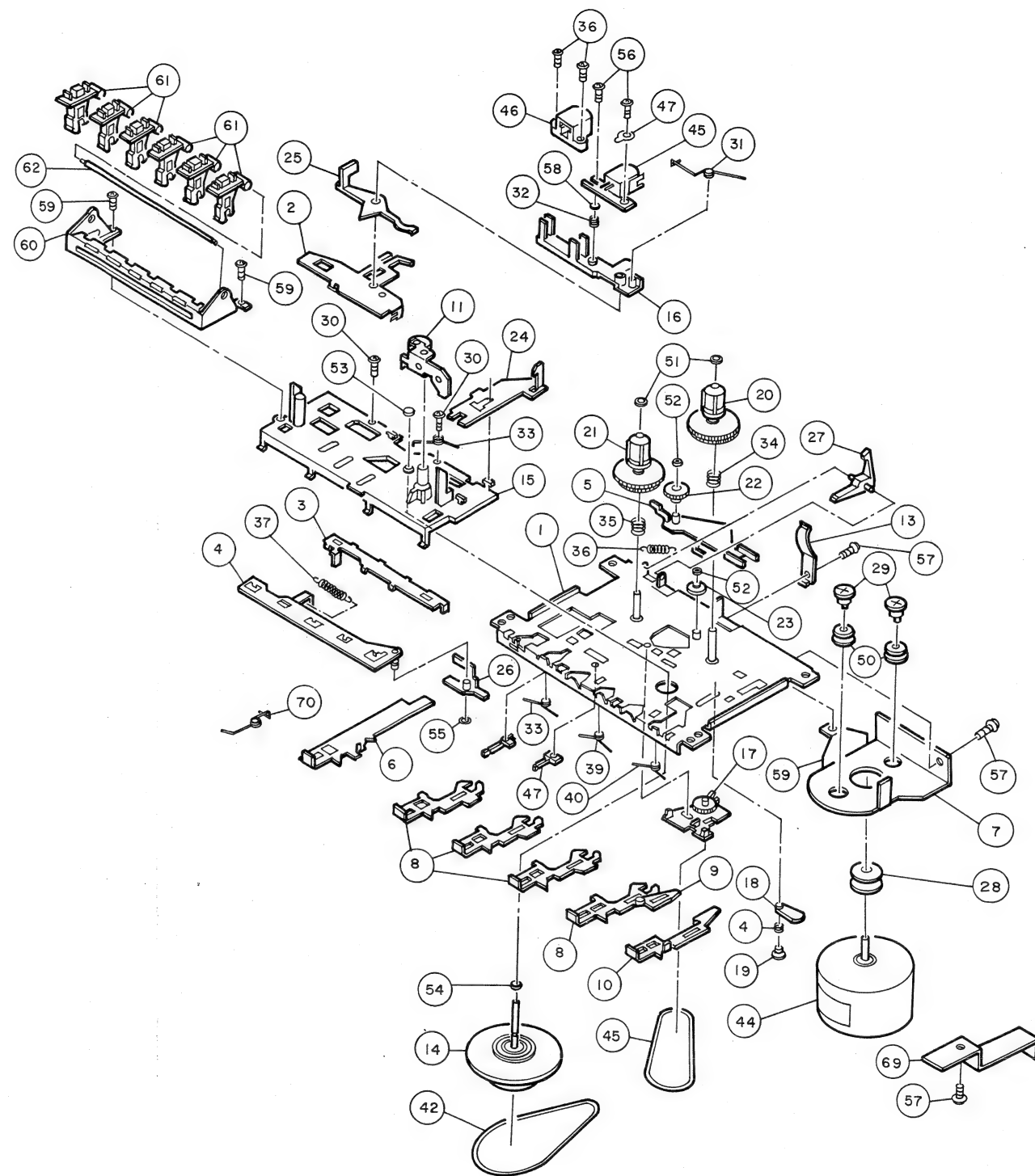
## MIC, HEADPHONE & LED P.C. BOARD



**EXPLODED VIEW**  
•CABINET



**EXPLODED VIEW**  
•RECORD/PLAYBACK DECK MECHANISM



**NOTE:** Excluded parts in the parts list are not available as replacement parts.

# Quelle Technischer Kundendienst

037.2375

BESTELL-NR.	0372375
GERAETEBEZEICHNUNG	UNIV.-HIFI-SET
WARENGATTUNG	653
AUSFUEHRUNGS-NR.	001
GERAETEBESCHREIBUNG	
PRIVILEG	VTC 4391
LIEFERANTEN-NR.	201888
PREIS	599.00
KATALOG	893
GARANTIEZEIT	6
KD-SEKTOR	R
HEIM/BRINGE	WERKSTATT
BETREUUNG	EIGEN
KOSTENTRAEGER	EIGEN
REPARATURFAEHIG	JA

ZEILE	POSITION	SYM BEZEICHNUNG	ET-NUMMER
1			
2		<u>TUNER :</u>	
3			
4	A8	AM-HILFSANTENNE	743 441 8
5	C1	FRONTLENDE	744 066 2
6	C2	ABDECKUNG, INNEN	744 067 0
7	C3	KLARSICHTSCHEIBE	744 068 8
8	C4	KNOPF, POWER	744 069 6
9	C5	KNOPFLEISTE, FUNKTION	744 070 4
10	C6	KNOPF, UP-DOWN	744 071 2
11	C7	KNOPF, SPEICHER	744 072 0
12	C8	KNOPF, MEMO	744 073 8
13	C16	FILTERSCHEIBE, DISPLAY	744 074 6
14	C17	HALTELEISTE, KNOPF	744 075 3
15	D4	FUSS	744 076 1
16	D9	GEHAEUSE-OBERTEIL	734 255 3
17	D11	NETZTRAFO	744 077 9
18	E6	FM-ANTENNENBUCHSE 75 OHM	744 078 7
19	E7	AM-ANTENNENBUCHSE	744 079 5
20			
21		<u>ELEKTRISCHE TEILE :</u>	
22			
23		NETZTRAFO	744 077 9
24		UKW-TEIL	743 306 3
25		DISPLAY	744 065 4
26	BPF1	BAND PASS BPF 1	744 063 9
27	CF101	KERAMIK-FILTER	743 305 5
28	CF201-203	FM-KERAMIK-FILTER	733 843 7
29	CF204	AM-KERAMIK-FILTER BFU 450C4N	734 270 2
30	CF301	AM-KERAMIK-FILTER CSB 456F11	734 269 4
31	D101,3,6,9	DIODE 1 SS 132	725 598 7
32	D102,4,5	DIODE 1 S 2472	948 732 3
33	D107,8	DIODE 1 S 2472	948 732 3
34	D110,111	DIODE 1 S 2472	948 732 3
35	D301-305	DIODE 1 S 2472	948 732 3
36	D501	ZENERDIODE ZPD 10	928 937 2
37	D502-631	DIODE 1 S 2472	948 732 3
38	D701-704	DIODE 1 N 4001	176 419 0
39	D705	DIODE 1 N 4002	921 523 7
40	D706,9,11	DIODE 1 S 2472	948 732 3
41	D707	ZENERDIODE ZPD 6,2	176 820 9

ZEILE	POSITION	SYM BEZEICHNUNG	ET-NUMMER
42	D708	ZENERDIODE ZPD 5,1	925 475 6
43	D710	ZENERDIODE ZPD 30	956 002 0
44	IC101	IC LA 1267	734 938 4
45	IC301	IC LA 3401	743 287 5
46	IC601	UPD 1713 AG 015	744 061 3
47	IC701	IC UPC 78 L 05	950 533 0
48	L102	LW-ANTENNENSPULE	734 271 0
49	L103	MW-ANTENNEN-FILTER	743 295 8
50	L104	AM-ZF-FILTER	743 299 0
51	L105	LW-OSZILLATORSPULE	734 273 6
52	L106	HF DROSSEL 39 UH	120 826 3
53	L201,202	DROSSEL	734 992 1
54	L301	DROSSEL 7,5 MH	985 494 4
55	L302,303	DROSSEL 47UH	733 798 3
56	LPF301,302	MPX-FILTER 19 KHZ	743 297 4
57	Q101-5,7	TRANSISTOR 2 SC 1815 GR	947 335 6
58	Q106	TRANSISTOR 2 SK 161-0	732 398 3
59	Q201	TRANSISTOR 2 SC 380	175 437 3
60	Q301,303-5	TRANSISTOR 2 SC 1815 GR	947 335 6
61	Q302,601	TRANSISTOR 2 SA 1015	949 017 8
62	Q501-503	TRANSISTOR 2 SC 1815 GR	947 335 6
63	Q602	TRANSISTOR 2 SC 3199 (GR)	989 833 9
64	Q603	TRANSISTOR 2 SC 1959	949 016 0
65	Q604	TRANSISTOR KTA 950 Y (2 SA 950)	956 495 6
66	Q607,608	TRANSISTOR 2 SC 2240 BL	950 910 0
67	Q609,611	TRANSISTOR 2 SK 30 AY	175 984 4
68	Q610,612	TRANSISTOR 2 SC 2240 BL	950 910 0
69	Q630	TRANSISTOR 2 SA 1015	949 017 8
70	Q701,703	TRANSISTOR KTD 526 Y	730 982 6
71	Q702	TRANSISTOR 2 SC 2240 BL	950 910 0
72	Q704,705,7	TRANSISTOR 2 SC 1815 GR	947 335 6
73	Q706	TRANSISTOR 2 SB 764	732 216 7
74	SW601-617	TAKTSCHALTER	744 064 7
75	SW701	TASTENSCHALTER	742 484 9
76	T101	MW-OSZILLATORSPULE	744 062 1
77	T201	FM-ZF-FILTER	743 300 6
78	T202	FM-ZF-FILTER	743 301 4
79	VC101,103	CAP.-DIODE SVC 321SP-D2	988 694 6
80	VC102,104	CAP-DIODE SVC 333 A	733 832 0
81	X601	QUARZ 4.5000 MHZ	733 845 2
82			
83		<u>VERSTAERKER :</u>	
84			
85	C-1	NF-VERB.KABEL 2X CINCH JE SEITE	997 609 3
86	C-2	FRONTLENDE	744 084 5
87	C-3	KNOPF,GROSS	744 085 2
88	C-4	KNOPF,KLEIN	744 086 0
89	C-5	KNOPF,TAPE	744 087 8
90	C-6	KNOPF,CD	744 088 6
91	C-7	KNOPF,TV	744 089 4
92	C-8	KNOPF,AUX	744 090 2
93	C-9	KNOPF,TUNER	744 091 0
94	C-10	KNOPF,PHONO	744 092 8
95	C-11	KLARSICHTSCHEIBE	744 093 6
96	C-12	ABDECKUNG,INNEN	744 094 4
97	C-14	HALTER FUER KNOEPFE	744 095 1
98	C-16	ZIERRING	744 096 9
99	C-23	FEDER	734 243 9
100	C-24	FILTERSCHEIBE	744 097 7
101	D-7	ZWISCHENSTUECK FUER KNOPF	744 098 5
102	D-8	FUSS	744 076 1
103	D-9	NETZTRAFO	744 099 3
104	D-10	OBERTHEIL	744 100 9
105			
106		<u>ELEKTRISCHE TEILE :</u>	
107			
108		NETZTRAFO	744 099 3
109		CINCHBUCHSE,BLOCK	733 769 4
110		KOPFHOERERBUCHSE	734 248 8
111		LAUTSPRECHERANSCHLUSSBUCHSE	744 083 7
112	D451,452	DIODE 1 S 1555	176 507 2
113	D501	BRUECKENGLEICHRICHTER KBP C604	733 797 5
114	D502,513	DIODE 1 N 4001	176 419 0
115	D503	DIODE 1 S 1555	176 507 2
116	D504	ZENERDIODE ZY 13	176 827 4
117	D511,512	ZENERDIODE ZPY 18	928 925 7
118	D514	ZENERDIODE ZPY 12	929 696 3
119	DF301	LEUCHTDIODE SLR 54 UR	965 135 7
120	DF302-306	LED SLR 54 GC3-H	733 765 2
121	DL1-5	LED SLR 54 GC3-H	733 765 2



ZEILE	POSITION	SYM	BEZEICHNUNG	ET-NUMMER
122	DL6		LEUCHTDIODE SLR 54 UR	965 135 7
123	DR1-5		LED SLR 54 GC3-H	733 765 2
124	DR6		LEUCHTDIODE SLR 54 UR	965 135 7
125	IC101,102		IC KJA 75558 P	740 799 2
126	IC301,302		IC KA 2281	740 210 0
127	IC401		IC STK 4171 II	733 796 7
128	Q451-453		TRANSISTOR 2 SA 949	953 951 1
129	Q454		TRANSISTOR 2 SC 2229	951 671 7
130	Q501,503		TRANSISTOR KTD 526 Y	730 982 6
131	Q502		TRANSISTOR KTB 596	742 553 1
132	R451,452		WIDERSTAND 0.22 OHM 3 WATT	733 802 3
133	SW-FUNKT.		TASTENSATZ 6-FACH	734 245 4
134	SW501		NETZSCHALTER	742 527 5
135	VR201,1AUT		DREHPOTI 2X100KB	744 080 3
136	VR202,203		DREHPOTI 2X100KB	744 081 1
137	VR204,BAL.		DREHPOTI 250KW	744 082 9
138				
139			<u>DOPPEL-TAPE-DECK :</u>	
140				
141	C-1		FRONTBLENDE	744 101 7
142	C-2		CASSETTENFACH	744 102 5
143	C-3		FEDER,AUSWURF	744 103 3
144	C-4		REFLEKTOR	744 104 1
145	C-5		CASSETTENFACHDECKEL, LINKS "A"	744 105 8
146	C-6		CASSETTENFACHDECKEL, RECHTS "B"	744 106 6
147	C-7		KNOPF,CRO-METAL	744 107 4
148	C-8		KNOPF,SPEED-DOLBY	744 108 2
149	C-9		KNOPF,POWER	744 069 6
150	C-10		KLARSICHTSCHEIBE	744 109 0
151	C-12		ZAEHLWERK	734 349 4
152	C-14		RIEMEN	744 110 8
153	C-17-1		LAUFWERK,WIEDERGABE	744 111 6
154	C-17-2		KNOPF,PLAY	744 112 4
155	C-17-3		KNOPF,REW	744 113 2
156	C-17-4		KNOPF,FF	744 114 0
157	C-17-5		KNOPF,STOP-EJECT	744 115 7
158	C-17-6		KNOPF,PAUSE	744 116 5
159	C-18-1		LAUFWERK,A/W	744 117 3
160	C-18-2		KNOPF,PLAY	744 112 4
161	C-18-3		KNOPF,REW	744 113 2
162	C-18-4		KNOPF,FF	744 114 0
163	C-18-5		KNOPF,STOP-EJECT	744 115 7
164	C-18-6		KNOPF,PAUSE	744 116 5
165	C-18-7		KNOPF,REC	744 118 1
166	C-20		BLATTFEDER,CASS.DECKEL	998 342 0
167	C-21		DAEMPFER	744 119 9
168	D-10		GEHAEUSE-OBERTEIL	734 318 9
169	D-11		FUSS	744 076 1
170	D-23		NETZTRAFO	744 121 5
171				
172			<u>ELEKTRISCHE TEILE :</u>	
173				
174			NETZTRAFO	744 121 5
175	MIC		MIKROFONBUCHSE	733 882 5
176	KH		KOPFHOERERBUCHSE	733 883 3
177			CINCHBUCHSE,BLOCK	733 769 4
178	BD501		GLEICHRICHTER MN-005	949 381 8
179	D101,102		DIODE 1 S 2472	948 732 3
180	D301-303		DIODE 1 N 4001	176 419 0
181	D601-607		DIODE 1 S 2472	948 732 3
182	IC1		IC LA 3246	742 674 5
183	IC2		IC KA 12116 ANT	743 288 3
184	L101,201		SPULE	742 961 6
185	L102,202		FILTER	743 298 2
186	L301		LOESCHOSZILLATORSPULE	740 795 0
187	L401,402		DROSSEL	733 875 9
188	L403,453		SPULE	742 961 6
189	L451,452		DROSSEL	733 875 9
190	L601,602		DROSSEL	733 877 5
191	LD1,5		LEUCHTDIODE SLR 54 UR	965 135 7
192	SW,POWER		NETZSCHALTER	742 527 5
193	SW1,A/W		A/W-SCHIEBESCHALTER	744 126 4
194	SW2,SELECT		TASTENSATZ 2-FACH	744 127 2
195	SW3-5,H/		TASTENSATZ 3-FACH	744 528 1
196	LD2-4		LED SLR 54 GC3-H	733 765 2
197	TR101,103		TRANSISTOR 2 SC 1815 GR	947 335 6
198	TR102,105		TRANSISTOR MPS 9635 C	733 874 2
199	TR106-109		TRANSISTOR 2 SC 1815 GR	947 335 6
200	TR110,210		TRANSISTOR 2 SC 732	175 850 7
201	TR111-203		TRANSISTOR 2 SC 1815 GR	947 335 6
202	TR205		TRANSISTOR MPS 9635 C	733 874 2
203	TR206,211		TRANSISTOR 2 SC 1815 GR	947 335 6
204	TR301		TRANSISTOR 2 SD 880-Y	986 666 6
205	TR401,451		TRANSISTOR 2 SC 732	175 850 7
206	TR403-406		TRANSISTOR 2 SC 1815 GR	947 335 6
207	TR453-456		TRANSISTOR 2 SC 1815 GR	947 335 6

ZEILE	POSITION	SYM BEZEICHNUNG	ET-NUMMER
208	TR501,502	TRANSISTOR KTD 526 Y	730 982 6
209	TR601,3-8	TRANSISTOR 2 SC 1815 GR	947 335 6
210	TR602	TRANSISTOR 2 SA 1015	949 017 8
211	TR609	TRANSISTOR BC 636-16 ERSETZT ET-NR. 949 018 6	952 194 9
212	TR610,611	TRANSISTOR 2 SC 1815 GR	947 335 6
213	TR612,613	TRANSISTOR 2 SA 1015	949 017 8
214	TR614-616	TRANSISTOR 2 SC 1815 GR	947 335 6
215	ZD501	ZENERDIODE ZD 15	175 643 6
216	ZD502,601	ZENERDIODE ZY 13	176 827 4
217			
218		<u>CASSETTENLAUFWERK :</u>	
219			
220		LAUFWERK, WIEDERGABE	744 111 6
221		LAUFWERK, A/W	744 117 3
222	11	GUMMIANDRUCKROLLE	744 530 7
223	14	SCHWUNGMASSE	744 531 5
224	17	RUTSCHKUPPLUNG	744 534 9
225	20	AUFWICKELTELLER	744 532 3
226	21	ABWICKELTELLER	744 533 1
227	22	ZAHNRAD, VORLAUF	744 535 6
228	24	AUSWURFHEBEL	744 543 0
229	27	AUFNAHMESPERRE	744 540 6
230	28	MOTORPULLY	744 536 4
231	31	FEDER AUTOSTOP	744 546 3
232	33	FEDER, ANDRUCKROLLE	744 537 2
233	34	FEDER	733 267 9
234	35	FEDER	733 263 8
235	42	ANTRIEBSRIEMEN	744 538 0
236	43	RIEMEN	744 539 8
237	44	MOTOR, MABUCHI E6500KD-2B, 12V CCM	740 381 9
238	45	A/W-KOPF	744 122 3
239	46	LOESCHKOPF	744 123 1
240	47	MIKRO-SCHALTER	744 124 9
241	48	MIKRO-SCHALTER	744 125 6
242	51	SICHERUNGSSCHEIBE 1,2X3X0,25 MM	986 045 3
243	52	SICHERUNGSSCHEIBE 1,5MM	947 800 9
244	61	KNOPFAUFNAHME	744 541 4
245	62	STANGE	744 542 2
246		MIKROSCHALTER	744 529 9
		ENDE	